Format No: CP/TF/01

TEST REPORT ON COARSE AGGREGATES

Lab ID	:	CP-2019-10-22-33 **Date: 25-02-19**
Customer	:	Assistant Executive Engineer, Yelahanka Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Sub Division, BBMP, Bangalore.
Project Name	:	Emergency Works in Ward No 2 of Yelahanka Sub Division.
Agency	:	Sri.G.Muniraju(K B S ENGINEERING WORKS), No: 52, 4th Cross 4th Main Kote Street, Yelahanka Bangalore-560064.
Customer's Reference	:	EE(YNK.D)E-PMT-03/W.O/118/2018-19
Source of Sample	:	Sample supplied by Agency
Sample condition	:	Satisfactory
Date of Receipt	:	22-02-19
Sample Type	:	40mm down size coarse aggregate
Reference to BIS codes	:	IS: 383:2016 (Specification for Coarse and fine Aggregates) IS: 2386 :1963(Part - 1,3,4) RA2011 IS 2386 Part 1: Particle Size and Shape IS 2386 Part 3: Specific gravity, Density, Voids,Water Absorption IS 2386 Part 4: Mechanical Properties
Date of test	:	22-02-19

SIEVE ANALYSIS (PARTICLE SIZE DISTRIBUTION) OF 40MM DOWN COARSE AGGREGATE:

Total weight taken : 15000 grams

Sample No.	Sieve No.	Weight Retained in gms	Cumulative Weight Retained in gms	% Cumulative Weight Retained	% Passing	Required as per IS 383:2016
1	80 mm	0	0	0.0	100	100
2	40 mm	213	213	1.4	98.6	90-100
3	20 mm	7452	7665	51.1	48.9	30-70
4	10 mm	4264	11929	79.5	20.5	10-35
5	4.75 mm	2842	14771	98.5	1.5	0-5
6	Pan	229	15000	100.0	0	---

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TEST REPORT OF PRECAST COVER SLAB

Lab ID	:	**CP-2019-10-22-33**	**Date: 06-03-19**
Customer	:	Assistant Executive Engineer, Yelahanka Sub Division, BBMP, Bangalore.	
Address	:	Yelahanka Sub Division, BBMP, Bangalore.	
Project Name	:	Emergency Works in Ward No 2 of Yelahanka Sub Division.	
Agency	:	Sri.G.Muniraju(K B S ENGINEERING WORKS), No: 52, 4th Cross 4th Main Kote Street, Yelahanka Bangalore-560064.	
Customer's Reference	:	EE(YNK.D)E-PMT-03/W.O/118/2018-19	
Source of Sample	:	Sample supplied by Agency	
Sample Condition	:	Satisfactory	
Date of Receipt	:	02-03-19	
Sample Type /Size	:	Precast Cover Slab(100 mm)	
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete	
Date of test	:	02/03/2019	

Sl. No.	Identification Mark	Diameter of the core	Height of the core	Weight of the core	Area	Failure Load	Core Compressive strength	Corrected Cylinder Compressive strength	Equivalent Cube Compressive strength
		(mm)	(mm)	(kg)	(Sq.mm)	(KN)	(N/mm^2)	(N/mm^2)	(N/mm^2)
1	Cover Slab-1	75.51	100.48	1.116	4477	80.9	18.1	16.8	21.0
2	Cover Slab-2	75.49	100.52	1.122	4475	82.3	18.4	17.1	21.4
3	Cover Slab-3	75.50	100.51	1.118	4476	81.5	18.2	16.9	21.2

Note:

The results pertain to the samples received and tested.
All information furnished by the Customer/Representative
Any correction in the report will make this report invalid
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Samples will be disposed after 90 days from the date of issue of test certificate

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R RUDRAPRASAD
Authorized Signatory
Technical Manager

CIVIL Pro Sig..... Date..... BANGALORE

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL | GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES |

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2019-10-22-33 **Date: 07/03/2019**

Customer : Assistant Executive Engineer, Yelahanka Sub Division, BBMP, Bangalore.

Address : Yelahanka Sub Division, BBMP, Bangalore.

Project Name : Emergency Works in Ward No 2 of Yelahanka Sub Division.

Agency : Sri.G.Muniraju(K B S ENGINEERING WORKS), No: 52, 4th Cross 4th Main Kote Street, Yelahanka Bangalore-560064.

Customer's Reference : EE(YNK.D)E-PMT-03/W.O/118/2018-19

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 01-03-19

Customer ID : RCC

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 07/03/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	RCC	M20	28/02/2019	07/03/2019	150.34 X 151.77 X 151.79	22817	8.641	412.3	18.1	18.2
2	RCC	M20	28/02/2019	07/03/2019	149.23 X 150.86 X 149.30	22513	8.759	414.7	18.4	
3	RCC	M20	28/02/2019	07/03/2019	151.79 X 151.71 X 150.01	23027	8.680	420.3	18.3	

Note:

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R RUDRAPRASAD
Authorized Signatory
Technical Manager

CIVIL Pro Sig..... Date..... BANGALORE

****End of Report****

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